

Exercise Week6

1. Find all factors

- i. Use a loop statement you prefer
- ii. Allow user to input any positive integer
- iii. Find all the factors (except 1 and the number itself) of the inputted number

```
1 %%shell
2
3 g++ Week6Solution.cpp -o Week6Solution
4 ./Week6Solution
```

```
Please input a positive integer:100
Factors: 2 4 5 10 20 25 50
```

2. Letter case

- i. Allow user to input any uppercase or lowercase alphabet.
- ii. Convert between uppercase and lowercase.

```
1 %%shell
2
3 g++ Week6Solution2.cpp -o Week6Solution2
4 ./Week6Solution2
```

```
Please input a alphabet:B
After converting: b
```

```
1 %%shell
2
3 g++ Week6Solution2.cpp -o Week6Solution2
4 ./Week6Solution2
```

```
Please input a alphabet:b
After converting: B
```

Please name your .ipynb file as YourID_Week6.ipynb and upload it to moodle system.
(ex. H3700001_Week6.ipynb)